

wherein in the case where the program is reproduced in said reproducing apparatus via said digital interface, said display processing circuit performs a display process so as to display a message showing that a recording mode of the program recorded on the recording medium loaded in said reproducing apparatus indicates a digital recording.

32. An apparatus according to claim 31, wherein said information associated with said program includes at least one of a channel number of the program, a program name, a genre, a date of the recording, and a recording time.

33. An apparatus according to claim 31, wherein said information associated with said program includes recording position information of the program on the recording medium.

34. An apparatus according to claim 31, wherein said information associated with said program is overlapped to a reproduction signal from said reproducing apparatus and displayed.

35. A display method of recording program associated information in a receiving apparatus of a digital broadcasting, comprising:

a step of receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed;

a step of decoding said received digital broadcasting signal;

a step of receiving the transport stream from a reproducing apparatus through a digital interface; and

a display processing step of displaying a message showing that a recording mode of a program recorded on a recording medium loaded in said reproducing apparatus indicates an analog recording or a digital recording.

36. A method according to claim 35, wherein said information associated with said program includes at least one of a channel number of the program, a program name, a genre, a date of the recording, and a recording time.

37. A method according to claim 35, wherein said information associated with said program includes recording position information of the program on the recording medium.

38. A method according to claim 35, wherein said information associated with said program is overlapped to a reproduction signal from said reproducing apparatus and displayed.

39. A method according to claim 35, wherein said information associated with said program includes information of the recording mode of said recorded program.

40. An apparatus according to claim 31, wherein said information associated with said program includes information of the recording mode of said recorded program.

41. A receiving apparatus of a digital broadcasting for receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed, comprising:

a decoder for decoding said received digital broadcasting signal;

a digital interface for receiving the transport stream from a reproducing apparatus;

and

a display processing circuit for displaying information associated with a program recorded on a recording medium loaded in said reproducing apparatus by a predetermined format, wherein in the case where the program is reproduced in said reproducing apparatus via an analog input/output, said display processing circuit performs a display process so as to display a message showing that a recording mode of the program recorded on the recording medium loaded in said reproducing apparatus indicates an analog recording.

42. An apparatus according to claim 41, wherein when the user selects a digital input/output, said display processing circuit performs a display process so as to display an alarm.

43. An apparatus according to claim 41, wherein said information associated with said program includes at least one of a channel number of the program, a program name, a genre, a date of the recording, and a recording time.

44. An apparatus according to claim 41, wherein said information associated with said program includes recording position information of the program on the recording medium.

45. An apparatus according to claim 41, wherein said information associated with said program is overlapped to a reproduction signal from said reproducing apparatus and displayed.

46. An apparatus according to claim 41, wherein said information associated with said program includes information of the recording mode of said recorded program.

47. A receiving apparatus of a digital broadcasting for receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed, comprising:

a decoder for decoding said received digital broadcasting signal;

a digital interface for receiving the transport stream from a reproducing apparatus;

reading means for reading out information associated with a program recorded on a recording medium loaded in said reproducing apparatus from a memory in said reproducing apparatus; and

a display processing circuit for displaying the information associated with the program recorded on the recording medium loaded in said reproducing apparatus by a predetermined format,

wherein said display processing circuit performs a display process so as to display the information associated with the program recorded on the recording medium loaded in said reproducing apparatus on the basis of the information read out by said reading means.

48. An apparatus according to claim 47, wherein said information associated with said program includes at least one of a channel number of the program, a program name, a genre, a date of the recording, and a recording time.

49. An apparatus according to claim 47, wherein said information associated with said program includes recording position information of the program on the recording medium.

50. An apparatus according to claim 47, wherein said information associated with said program is overlapped to a reproduction signal from said reproducing apparatus and displayed.

51. An apparatus according to claim 47, wherein said information associated with said program includes information of the recording mode of said recorded program.

52. A receiving apparatus of a digital broadcasting for receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed, comprising:

a decoder for decoding said received digital broadcasting signal;

a digital interface for receiving the transport stream from a reproducing apparatus;

reading means for reading out information associated with a program recorded on a recording medium loaded in said reproducing apparatus from a memory in said reproducing apparatus; and

a display processing circuit for displaying the information associated with the program recorded on the recording medium loaded in said reproducing apparatus by a predetermined format,

wherein in the case where a digital signal reproduced by said reproducing apparatus and received through interface means is not decoded in said decoder, said display processing circuit performs a display process so as to display a message showing that the program recorded on the recording medium loaded in said reproducing apparatus indicates a recording mode in which said digital signal cannot be decoded by said receiving apparatus of said digital broadcasting.

53. A receiving apparatus of a digital broadcasting for receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed, comprising:

a decoder for decoding said received digital broadcasting signal;

a digital interface for receiving the transport stream from a reproducing apparatus;

and

a display processing circuit for displaying a message showing that the recording mode of the program recorded on the recording medium loaded in said reproducing apparatus indicates an analog recording or a digital recording.

54. An apparatus according to claim 53, wherein said information associated with said program includes at least one of a channel number of the program, a program name, a genre, a date of the recording, and a recording time.

55. An apparatus according to claim 53, wherein said information associated with said program includes recording position information of the program on the recording medium.

56. An apparatus according to claim 53, wherein said information associated with said program is overlapped to a reproduction signal from said reproducing apparatus and displayed.

57. An apparatus according to claim 53, wherein said information associated with said program includes information of the recording mode of said recorded program.

58. A receiving apparatus of a digital broadcasting for receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed, comprising:

a decoder for decoding said received digital broadcasting signal;

a digital interface for receiving the transport stream from a reproducing apparatus;

and

a display processing circuit for displaying information based on a kind of a compression system of the program recorded on the recording medium loaded in said reproducing apparatus.

59. An apparatus according to claim 58, wherein said information associated with said program includes at least one of a channel number of the program, a program name, a genre, a date of the recording, and a recording time.

60. An apparatus according to claim 58, wherein said information associated with said program includes recording position information of the program on the recording medium.

61. An apparatus according to claim 58, wherein said information associated with said program is overlapped to a reproduction signal from said reproducing apparatus and displayed.

62. An apparatus according to claim 58, wherein said information associated with said program includes information of a recording mode of said recorded program.

63. A receiving apparatus of a digital broadcasting for receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed, comprising:

a decoder for decoding said received digital broadcasting signal;

a digital interface for receiving the transport stream from a reproducing apparatus;

and

a display processing circuit for displaying information based on a kind of the transport stream of the program recorded on the recording medium loaded in said reproducing apparatus.

64. An apparatus according to claim 63, wherein said information associated with said program includes at least one of a channel number of the program, a program name, a genre, a date of the recording, and a recording time.

65. An apparatus according to claim 63, wherein said information associated with said program includes recording position information of the program on the recording medium.

66. An apparatus according to claim 63, wherein said information associated with said program is overlapped to a reproduction signal from said reproducing apparatus and displayed.

67. An apparatus according to claim 63, wherein said information associated with said program includes information of a recording mode of said recorded program.

68. A display method of recording program associated information in a receiving apparatus of a digital broadcasting, comprising:

a step of receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed;

a step of decoding said received digital broadcasting signal;

a step of receiving the transport stream from a reproducing apparatus through a digital interface; and

a display processing step of displaying information associated with a program recorded on a recording medium loaded in said reproducing apparatus by a predetermined format,

wherein in said display processing step, when the program is reproduced in said reproducing apparatus through said digital interface, a display process is performed so as to display a message showing that a recording mode of the program recorded on the recording medium loaded in said reproducing apparatus indicates a digital recording.

69. A display method of recording program associated information in a receiving apparatus of a digital broadcasting, comprising:

a step of receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed;

a step of decoding said received digital broadcasting signal;

a step of receiving the transport stream from a reproducing apparatus through a digital interface; and

a display processing step of displaying information associated with a program recorded on a recording medium loaded in said reproducing apparatus by a predetermined format,

wherein in said display processing step, when the program is reproduced in said reproducing apparatus through an analog input/output, a display process is performed so as to display a message showing that a recording mode of the program recorded on the recording medium loaded in said reproducing apparatus indicates an analog recording.

70. A method according to claim 69, wherein in said display processing step, when the user selects a digital input/output, a display process is performed so as to display an alarm.

71. A display method of recording program associated information in a receiving apparatus of a digital broadcasting, comprising:

a step of receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed;

a step of decoding said received digital broadcasting signal;

a step of receiving the transport stream from a reproducing apparatus through a digital interface;

a reading step of reading out information associated with a program recorded on a recording medium loaded in said reproducing apparatus from a memory in said reproducing apparatus; and

a display processing step of displaying the information associated with the program recorded on the recording medium loaded in said reproducing apparatus by a predetermined format,

wherein in said display processing step, a display process is performed so as to display the information associated with the program recorded on the recording medium loaded in said reproducing apparatus on the basis of the information read out in said reading step.

72. A display method of recording program associated information in a receiving apparatus of a digital broadcasting, comprising:

a step of receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed;

a step of decoding said received digital broadcasting signal;

a step of receiving the transport stream from a reproducing apparatus through a digital interface;



a reading step of reading out information associated with a program recorded on a recording medium loaded in said reproducing apparatus from a memory in said reproducing apparatus; and

a display processing step of displaying the information associated with the program recorded on the recording medium loaded in said reproducing apparatus by a predetermined format,

wherein in said display processing step, when a digital signal reproduced in said reproducing apparatus and received through a digital interface is not decoded in said decoding step, a display process is performed so as to display a message showing that the program recorded on the recording medium loaded in said reproducing apparatus indicates the recording mode in which the digital signal cannot be decoded.

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